

## ABSTRACT

Information 1 transmitted through wireless communications formed by the information transmission line from the artificial satellites and the radio towers or through wired  
5 communications established by cables is categorized into four categories; the individual information is transmitted in a broadcasting mode in synchronization with the information transmission timing defined for the individual information category; and the information receiver captures and edits the  
10 received information and provides output for the service client in the manner associated with the individual category corresponding to the received information. Category-4 information (Step 2) is transmitted with the highest priority immediately when the information is generated (Step 7);  
15 Category-3 information (Step 3) is transmitted periodically, for example, every five minutes (Step 8); Category-2 information (Step 4) is transmitted at a time slot when the transmission line is relatively unoccupied (Step 9); and Category-1 information (step 5) is transmitted at a time slot when the  
20 transmission line is least occupied (Step 10).